X-Reserve User Guide

By Pod 1

Table of Contents

[Introduction 2](#_Toc246257990)

[Purpose 2](#_Toc246257991)

[Scope 2](#_Toc246257992)

[System Description 2](#_Toc246257993)

[Key Features 2](#_Toc246257994)

[Environment 2](#_Toc246257995)

[System Operations 2](#_Toc246257996)

[Step by Step Instructions 2](#_Toc246257997)

[Customers 2](#_Toc246257998)

[Register new account 2](#_Toc246257999)

[Edit profile 2](#_Toc246258000)

[Search available rooms 2](#_Toc246258001)

[Make reservation 2](#_Toc246258002)

[Staff 2](#_Toc246258003)

[Check in 2](#_Toc246258004)

[Check out 2](#_Toc246258005)

[Admin 2](#_Toc246258006)

[Manage room type 2](#_Toc246258007)

[Manage room 2](#_Toc246258008)

[Manage user 2](#_Toc246258009)

[Manage chargeable items 2](#_Toc246258010)

[View reports 2](#_Toc246258011)

# Introduction (Sean)

## Purpose

## Scope

# System Description (Arash)

## Key Features

X-Reserve offers scalable solution for managing hotel reservations regardless of the hotel type. It provides a simple and easy to use interface for guests, hotel managers and hotel staff. Anyone with Internet access a valid credit card can create an account, view available rooms within a date range, and instantly make reservations. The hotel staff can check-in/out a guest and process their bill with only a few clicks. Also, hotel managers can benefit from a wide range of features such as creating rooms, creating accounts with different roles, and viewing yearly or monthly reservation reports.

## Environment

X-Reserve is developed using Spring Framework which is an open source application framework for the Java platform. This enables the product to be compatible with various operating systems such as Mac, Windows and Linux. Although Spring Framework does not provide any specific programming model, it is modular. Spring has layered architecture, meaning that it is possible to use any of it in isolation, and yet its architecture stays consistent. It allows integrations with many modules or applications such as different databases or reporting applications. X-Reserve can easily be deployed and setup in less than an hour.

## System Components

# Step by Step Instructions

## Customers (David)

### Register new account

### Edit profile

### Search available rooms (make sure to mention attributes)

### Make reservation

## Staff (David)

### Check in

### Check out

## Admin (Stanley)

### Manage room type

### Manage room

### Manage user

### Manage chargeable items

### View reports (Arash)